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PTO/SB/82 (01-08)
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**REVOCATION OF POWER OF
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AND
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Application Number	See attached list
Filing Date	
First Named Inventor	
Art Unit	
Examiner Name	
Attorney Docket Number	

I hereby revoke all previous powers of attorney given in the above-identified application:

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners associated with the Customer Number: 10948

☒ Please change the correspondence address for the above-identified application to:

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<input type="checkbox"/> Firm or Individual Name					
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City		State		ZIP	
Country					
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I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71
Statement under 37CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

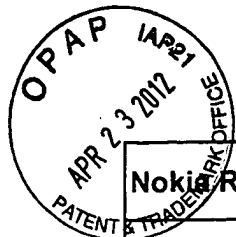
Signature					
Name	Thomas Arria				
Date	4/19/12		Telephone	781-219-8766	

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.38. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Statement Under 37 C.F.R. 3.73(b)

Owner: **Nokia Corporation**

Application No.: **See Attached**

Nokia Corporation, a corporation
(Name of Assignee) (Type of Assignee)


states that it is:

the assignee of the entire right, title and interest in:

the patent applications **identified on the attached list** by virtue of assignment(s) from the inventor(s) of the patent application(s).

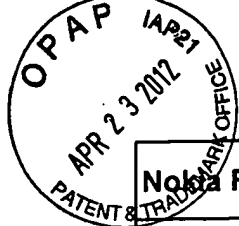
The assignments were recorded in the United States Patent and Trademark Office on the Reel and Frame numbers listed on the attached list.

The undersigned is authorized to act on behalf of the assignee.


Thomas Arria

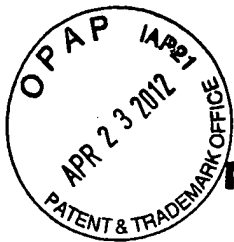
Title: Senior IPR Specialist

4/19/12
Date



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NC71853US	879A.0154.U1(US)	12/3/2010	12/960138	025841/0009



NOKIA

LIMITED POWER OF ATTORNEY

that we, the undersigned, under the authority granted to each of us to sign jointly on behalf of

NOKIA CORPORATION
Kellalahdentie 4
02150 Espoo
Finland

hereby authorize the following person

Thomas Arria
Nokia Corporation
5 Wayside Road
01803 Burlington
U.S.A.

Nokia Corporation
P.O. Box 226,
FI-00045 NOKIA SF000, Finland
(Kellalahdentie 4, 02150 Espoo)

Tel. +358 7160 38000
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Business Identity Code
0112038-9, Helsinki

in his capacity as Senior IP Specialist, Patenting, to sign alone in the name of Nokia Corporation all the documents that relate to the filing, prosecution and registration of patent applications, as well as post-grant operations relating to patents granted based on such patent applications. Such documents may include without limitation case-specific Powers of Attorney, Assignment Deeds for assigning the ownership of an invention to Nokia, Novelty Declarations and Inventorship Declarations.

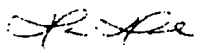
The rights granted under this Power of Attorney may not be transferred further, other than as specified above.


The authority granted by this Power of Attorney shall expire six (6) months from the date of execution.

Notwithstanding the foregoing, the authority granted by this Power of Attorney shall expire when the authorized person's employment with Nokia ends.

This Power of Attorney is duly signed on this day of January 1, 2012.

NOKIA CORPORATION

By: 
Name: Harri Honkasalo
Title: Director,
Legal and Intellectual Property

By: 
Name: Paul Melin
Title: Vice President,
Legal and Intellectual Property